

Precautions

Safety

The television's components are sensitive to heat. The **maximum ambient temperature** should not exceed **35° Celsius**.
Do not cover the vents at the back or sides of the television.
Leave sufficient space around it to allow adequate ventilation.

Damp in rooms where the set is installed should not exceed **85%** humidity.
If you have to use the television outdoors, **do not expose it to water** from rain or splashing.
Therefore be careful not to place any object containing a liquid (vase, glass, bottle,...) on or near your appliance.
Moving it from a cold atmosphere into a warm one can cause **condensation** on the screen (and on some components inside the television).
Leave the condensation to evaporate before turning the television on again.

If you are **away for a long period**, switch the set off at the on/off switch.
Even when off, some components remain in contact with the mains electricity supply.
To completely isolate it you must remove the plug from the mains supply socket.
According to the model dependent, the on/off switch is located at the front or side of the television.

During **thunder** storms, we recommend that you disconnect the television from the mains and aerial so that it is not affected by electrical or electromagnetic surges that could damage it.
For this reason, keep the **mains socket** and **aerial socket** accessible so they can be **disconnected**.

Immediately **disconnect** the television if you notice it giving off a **burning smell** or smoke.
You must not under any circumstances open the television yourself.
You are at risk of **electrocution** if you do so.

The set is provided with adequate shielding to avoid the emission of **X-rays**.
Work by **unqualified persons**, modifications to the high voltage or replacement of the tube by a model not complying with the manufacturer's recommendations may cause a sharp increase in **X-ray emissions**.
A set modified in this way no longer meets the original specifications and should not be used.

Care

Clean the screen with a glass care cleaner and the rest of the set with a soft cloth and neutral detergent.
Regularly dust the vents at the back or sides. Using solvents, abrasive or alcohol based products risks damaging the television.

Demagnetization

Badly shielded loudspeakers or other strong magnetic fields near the TV can cause patches of colour to appear on the screen.
Move any magnetised materials away from the TV, switch the set off and switch it on fifteen minutes later.

THOMSON is not liable if the television is used other than in accordance with this manual.

In our efforts to improve the quality of our products, we reserve the right to change their features. The information contained in these instructions are therefore liable to change and are not contractual.

Specific precautions for projection TVs

On/Off switch

Refer to the picture on the inside cover of this manual.

If you are not using the appliance for a long period of time switch it off using the on/off switch (ⓘ).

Safety

Do not place the TV set on a surface which is unstable, sloping or subject to vibration.

Make sure that the flooring is strong enough to support the set's weight.

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Temperature

If the temperature in the room changes suddenly or the set is moved from a cold to a warm place, condensation may form on the lenses, which can distort the picture. The picture will return to normal after one or two hours' operation.

Comfortable viewing

To make your viewing as comfortable as possible:

- Close the curtains or shutters in the room to avoid the screen being directly exposed to sunlight.
- Avoid flooring or wall surfaces which are too shiny, as well as any form of direct lighting on the screen.

Cleaning the screen

Use a dry soft, lint-free cloth, if necessary, moistened in a very mild detergent to clean the screen.

Note: using strong detergents, alcohol-based and abrasive products may damage the screen.

Choosing the ideal location

One of the main assets of your projection television is its large screen. It can provide good conditions for comfortable viewing at up to an 80° angle from the centre of the screen (see below).

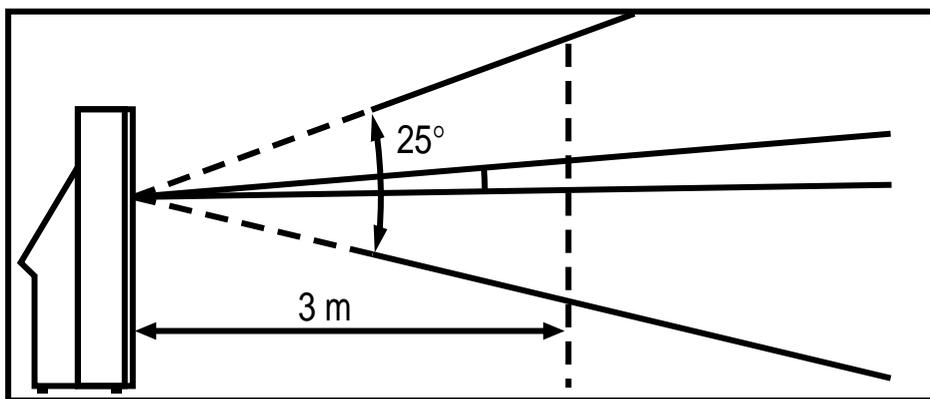
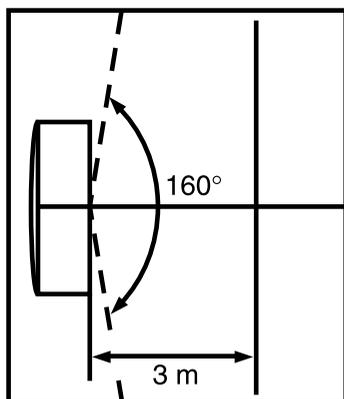
However, to ensure your maximum enjoyment, it is recommended that you sit directly in front of the television, with your eyes level with the centre of the screen at a distance of no less than 3 metres.

Other recommendations

Before moving your projection television set:

- Unplug the power and RF cables.
- Make sure that the power cable is not caught under one of the castors as this could damage it and cause a short circuit.
- Move the set carefully. It is equipped with castors to facilitate its movement.
- Make sure that the screen is not hit or scored.
- Lift the set up when moving it on bumpy surfaces to prevent damage to the castors.

It is recommended that a test card or any other fixed picture should not be left on the screen for more than 15 minutes to prevent damage to the tubes. For this reason, games consoles are not recommended for use with this television.



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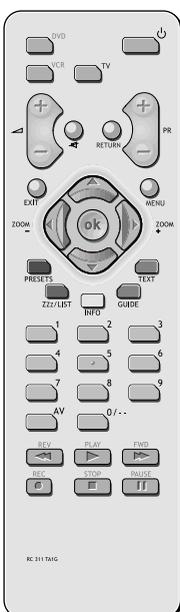
HELPLINE THOMSON

You can contact THOMSON by dialling: **0845 601 3093**
 (For Great-Britain, all calls will be charged at local rate)
www.thomson-europe.com

Using remote control for TV

Most of your television's functions are available via the menus that appear on the screen. The remote control supplied with your set can be used to navigate through the menus and to configure all the general settings. The remote control and its functions may vary depending on the model of television. RC 311TAIG operate most DVD players and recent video recorders made by Thomson, Saba, Brandt, Ferguson and Telefunken. RC 311TAMI is programmable, refer to page 5.

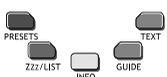
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To operate your TV, press TV key (RC 311TAIG et RC 311TAMI).



To switch your set off (stand-by).



- Personal Adjustments (**PRESETS**).
- Channels list (**ZZZ/LIST**).
- Display of channel, stand-by time (**INFO**).
- Programme guide (**GUIDE**)
- Videotext keys (**TEXT**).

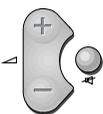
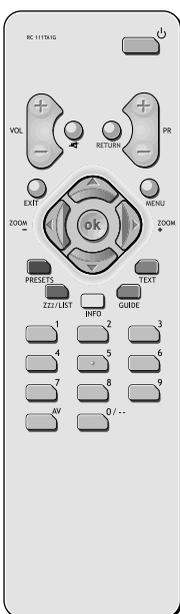
The colour keys can also be used to operate teletext.



Directional keys Up/Down, Left/Right for selection and validation key (**OK**).



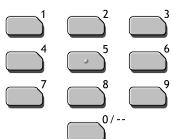
EXIT for erasing the menu windows or information from the screen.
MENU is for calling up the menu windows.



- Volume control.
- Mute :



Programme change.



For channel selection and number input in the menus.
For 2-digit channels (10, 11, 12, etc.), first press on key 0 of the remote control (for ex. for 12, press 00 then 12).



To select one of the appliances connected via the AV sockets.



Video recorder play and record functions and DVD player play functions (RC 311TAIG only).

More info

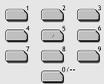
Install two LR03 or AAA batteries in the remote control as indicated below.



Please respect the environment and the relevant regulations. Before you dispose of batteries or accumulators, ask your dealer whether they require special recycling and if he is able take them back.

Using remote control for other equipment (RC 3 I TAMI)

This remote control is supplied with some TV sets models, it can operate other equipment, such as video recorders, DVD players, satellite receivers or hi-fi systems. This page provides information concerning the remote control's use with these other types of equipment.

	Video recorder	DVD player
	Press VCR button	Press DVD button
	On/Standby	
	To display the main menu.	To display the main menu.
	Vertical scrolling in menus	
	Horizontal scrolling in menus	
	To confirm an action.	
	To close a menu.	
	To directly access channels or enter numeric values.	To enter numeric values or select options in menus.
	Changement de chaîne	
	Sélection de l'entrée AV	
	Rewind Play Fast forward	Rewind Play Fast forward
	Stop Pause	Stop Pause

Programming the remote control

Automatic code search

This method can be used to automatically find the most appropriate code for your appliance.

1. Switch on the appliance you wish to use the remote control with.
2. Press the relevant button for this appliance on the remote control, and while holding this button down, press the  standby button until the remote control light comes on. Release the two buttons.
3. Point the remote control at the appliance and press **PLAY**. Wait until the light stops flashing. If the appliance has not gone into standby mode after five seconds, press the **PLAY** button again to continue the search for the next set of codes. Repeat this operation until the appliance goes into standby mode. There are 20 sets of codes.
4. When the appliance goes into standby mode, press the standby button on the front to switch it on again. Then press the **REV** button to put it back in standby mode, and if necessary, keep pressing until the appliance goes into standby.
5. Press the **STOP** button and hold it down until the remote control light goes off.

Note: you can cancel the programming operation at any time by pressing the **EXIT** button.

Only makes of apparatus of the **THOMSON** group benefit from the actions of all the buttons

Manual programming

This method involves carrying out a manual search for the codes to be used for controlling your other appliances.

1. Switch on the appliance you wish to use the remote control with.
2. Press the relevant button for this appliance on the remote control, and while holding this button down, enter one of the codes relevant to your make of appliance (there is a list of codes at the end of this manual). If the remote control light flashes you have entered the wrong code or it is not possible to program the remote control.
3. Point the remote control at the appliance and press the relevant button (VCR or DVD). Press the  standby button. If the appliance does not go into standby mode, try another code.

Depending on the year of manufacture and the type of appliance, some functions may not be available.

Certain codes may cover more functions than others. Test the functions you can control and, if appropriate, try other codes.

Note here the code(s) which work best.

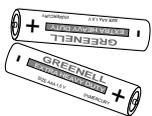
VCR				
DVD/LD				

When you **change** the remote control's **batteries**, remember to **reprogram** it.

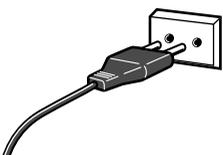
Switching on

Follow the instructions on this page to use your TV set and the remote control unit before entering the channel set-up procedure described on the next page.

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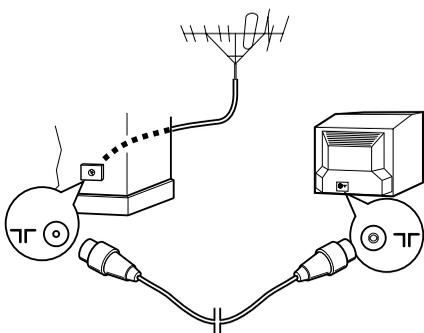


- 1 Install two LR03 or AAA batteries in the remote control as indicated below. (see page 5).



- 2 Connect the TV to a mains socket.

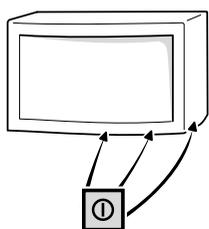
*It is used to supply power to your TV which must only be supplied with **220 - 240 V ~ 50 Hz**. It must not be connected to a D.C. network. If the plug is detached from the wire, do not plug it into the mains under any circumstance as there is a danger of electrocution.*



- 3 Connect the outside aerial or cable network to the socket at the back of the TV set.

The aerial socket (75 Ohms VHF/UHF/Cable) located at the rear of the TV set is intended for the connection of an antenna or another set fitted with a modulator (videorecorder, satellite receiver, etc.)

We recommend that you do not initially connect other equipment to your TV (VCR, decoder, etc.) so as not to complicate the set-up procedure with additional factors. Connect them up when you have finished setting up the channels by referring to page 16 of the manual.



- 4 Switch the TV on by pressing the on/off button (ⓘ). Depending on the model, this button is located on the front or side of the set.

The first time you switch on the television, the language selection menu appears.

- 5 Now go to page 7 for information on the Initial set-up, or page 9 for information on how to update your channels if the channels have already been set up (if you have moved house, for instance).

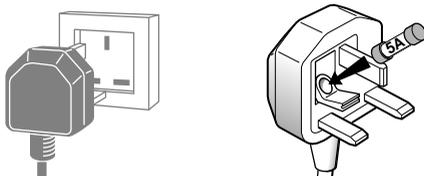
Information about connecting other equipment to the AV (Audio-Video) sockets is given on page 16.

Before referring to it, complete the initial channel set-up procedure on the next page to avoid any problems with equipment selection.

More info

UK SOCKET

Equipment for the UK is supplied with a mains cable fitted with a moulded plug.



The plug contains safety components and must not be replaced by one sold by general retailers. It is fitted with a fuse that protects your television. If your set has stopped working, the fuse may have blown. If it has, replace it with an identical ASTA certified or BSI (BSI 362) 5-amp fuse.

Initial set-up

The initial set-up consists of carrying out all the necessary settings to search and store all the channels you can receive in your area. Make sure that the TV is switched on and follow steps 1 to 6 on this page.

When you first switch the TV on, the language selection menu appears.

If this does not happen, refer to Manual channel set-up section to find out how to carry out an Autosearch.



PROGRAMME ORGANISATION	
Return	01 TFI
	02 FR2
	03 FR3
Select program. <I>	04 C+
Swap with PR :	05 FR5
Change pr. name	06 M6
Delete program.	07
	08
	09

- 1 Choose the language from the menus with the or button.
- 2 Confirm with **OK**. A list of countries appears.
- 3 Choose the country with the or button.
This is the country you are in, or the country whose channels you want to receive if you live near its borders.
- 4 Confirm with **OK**. A welcoming message appears.
- 5 Start auto installation by pressing **OK**.
*The menu that appears tells you how set-up is progressing. **Wait for the end of set-up message before leaving the menu, otherwise the channels will not all be memorised.** Depending on the number of programmes available, auto installation can take up to 10 minutes.*

Channels are arranged in a pre-set order. To modify this order, name and rename channels or delete channels stored twice, press **OK** and go to step 6.
- 6 The **PROGRAMME ORGANISATION** menu allows you to name channels, change the sequence of channels and delete channels stored twice or with poor reception quality.
Follow the instructions on the screen. Use a TV programme magazine to identify the various channels.

• Organising your channels:

Select the **Select program.** line.

Look for the channel that you want to assign the number 1 to with the **PR +** and **PR -** or buttons using the channel logos to help you. The number already assigned appears on the Select program. line. Select the **Swap with PR** line, key in 01 and press **OK**. The channel goes to first position: the two channels are swapped.
Repeat this procedure for the other channels.

• Deleting a channel:

Select the **Select program.** line and scroll through the channels using the **PR +** and **PR -** or buttons.

When you come to a channel to be deleted, select **Delete program**, and press **OK**. Confirm by pressing again **OK** button.

• Changing the name:

Select the **Change pr. name** line and choose the character to be altered with the buttons. Scroll through the alphabet using the **1** and **2** buttons.

The name will be changed when you change line or leave the menu with **EXIT** button.

*You may subsequently return to this menu by selecting the **Programme organisation** line in the **INSTALLATION MAIN MENU**.*

During the initial set-up for projection televisions, a menu for setting the convergence appears at the end of the automatic set-up process.

Refer to the next page for information on configuring these settings.

More info

Missing channels:

Channels are searched for according to the country selected, refer to the “**Manual set-up**” chapter to set up channels that have not been found.

For cable networks, if some channels have not been found, select **Other** instead of the country and re-start an Auto update.

Decoder:

If you have connected a decoder to the AV 1 socket, after the initial set-up you should display the **MANUAL PROGRAMMING** menu and confirm the **Decoder** option for concerned channels.

Refer to page 9.

Adjusting the convergence

Your projection television is equipped with three coloured projection tubes, one each for red, green and blue. The images (red, green and blue) are projected onto the screen where they converge to form a single colour image. It occasionally happens that after a certain period of operation or as a result of vibration (if you have moved the television, for instance), the convergence goes out of alignment. This results in coloured contour appearing around people and objects, requiring the convergence to be adjusted. This page explains this procedure.



These settings only apply to projection televisions.

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CENTRE CONVERGENCE

Red convergence adjustment



In order to achieve an efficient setting, leave your projection television on the same channel for about ten minutes before starting this procedure.

The **CENTRE CONVERGENCE** menu appears automatically at the end of the automatic channel set-up process.

Press Red button to adjust red convergence.

Using Up, Down, Left, Right buttons, superpose red crosses with green crosses.

CENTRE CONVERGENCE

Blue convergence adjustment



Press Blue button to adjust blue convergence.

Using Up, Down, Left, Right buttons, superpose blue crosses with green crosses.

Once the settings have been configured, press **EXIT** button to close this screen.

More info

During initial set-up the **Centre convergence** menu appears automatically at the end of automatic channel set-up.

If you wish to access this menu later on, display the **OVERVIEW** menu by pressing the **menu** button, select the option **Installation** and press **OK** to confirm.

When the **Installation main menu** appears, select **Centre convergence** and press **OK**.
The **Centre Convergence** menu appears.

If you press **OK** button to leave the menu, you return :

- to **INSTALLATION MAIN MENU** if you accessed the **CENTRE CONVERGENCE** menu from **INSTALLATION MAIN MENU**.

- to **PROGRAMMME ORGANISATION** menu if you accessed the **CENTRE CONVERGENCE** menu at the end of automatic channel set-up process.

Manual channel set-up

The information provided on this page is useful if you find that some channels have not been stored during the initial set-up or automatic update processes. This can happen if you are setting up cable network channels. Setting up channels manually requires every setting for every channel to be entered, one at a time.

OVERVIEW

Exit
Program Info
Sound
Picture
Time
Preferences
> **Installation**

INSTALLATION MAIN MENU

Exit
> **Manual installation**
Auto update
Auto installation
Programme organisation
Personnal settings

MANUAL INSTALLATION

Return		
Standard		EURO BG
Reception		Antenne
Autosearch	< >	CH --
Fine tuning		
Store on PR number		--
Name		----
Decoder		<input checked="" type="checkbox"/>
External sound path		<input checked="" type="checkbox"/>

Display the **OVERVIEW** by pressing **MENU** button, select **Installation** line and confirm with **OK**.

The **INSTALLATION MAIN MENU** is displayed.
Select the **Manual installation** line. Confirm with **OK** to display the menu.

Define all the settings in turn for each channel to be stored.
Follow the instructions appearing at the bottom of the screen.

Standard: select the standard for your country (see More info).

Reception: choose the reception method (terrestrial aerial or cable network).
Some cable networks use the same frequencies as land based transmissions.
If this is the case, select **Aerial** instead of **Cable**.

Autosearch: key in the channel number or start a search with the   buttons.

Your television will stop at the first channel found. If you want to memorise the corresponding channel, select the **Store on PR number** line.
Otherwise, continue the search using the   buttons.

Fine tuning: if the picture is not sharp, try to improve it with the   buttons.

Store on PR number: to confirm your settings, key in the number that you want to assign to the channel (e.g. 01 for BBC1). Store it with **OK**.

Name: if the station is recognised, its name is detected automatically, otherwise change the name suggested or enter a name.

Select the character to be altered with the   buttons.

Scroll the alphabet with the 1 and 2 keys.

Once the name is changed, repeat the **Store on PR number** step.

Decoder : if the channel is encrypted and if you want to connect a decoder to the AV1 socket (see page 16), tick the box with the   buttons and repeat the **Store on PR number** step.

External sound path : this option is only available if you have ticked the box under the Decoder option.

Switch the decoder on. Using the   buttons, tick or untick the box if there is no sound or if the sound is scrambled.

Then repeat the **Store on PR number** step.

When you have finalised all the settings for a particular station, select the **Store on PR number** option to store them. Then go on to the next channel.

Press **EXIT** to close the menu.

More info

Standard - The following standards are available: **France** for France and Luxembourg, **DKK** for Eastern Europe and the Middle East, **I** for the United Kingdom and Eire, **Euro BG** for Western Europe.

Subsequent set-ups: display the **INSTALLATION MAIN MENU** menu (see above) and select **Auto update** or **Auto installation** as appropriate. Then follow the instructions at the bottom of the screen.

• **Auto update** allows you to set up channels just launched or any channels that are missing or wrongly set up.

• **Auto installation** is used for setting up channels after the initial set-up (e.g. after moving house). This process deletes all channels previously stored. To set up a new channel, it is better to use **Auto update** or **Manual installation**.

Everyday use

This page describe the basic features of your TV.

EN



Switching the TV set on and off :

To switch the TV set on, press the **⏻** button on the keyboard.

The red indicator in front blinks then remains light.

Standby mode: press the **⏻** button on the remote control.

When the TV set is in standby mode, the indicator on the front remains light.

The TV set remains powered up, but with low energy consumption.

To switch on from standby, you can:

- press any numeric button on the remote control,
- press the **OK** button to switch the television on at the last channel or AV programme you were watching,
- press the **AV** button to switch the television on at the last AV input.
- press **PR +** or **PR -** button on the keyboard.



Volume control: use the **⏮** **⏭** buttons on the remote control or **VOL + / VOL -** buttons of the keyboard to increase and decrease the volume.

Sound mute () : press this button to temporarily mute the sound.

Press again to restore it.



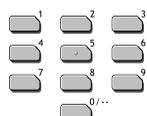
Displaying status information:

Press the yellow **INFO** button on the remote control to display the number and name of the channel you are watching, the time, the zoom format and the type of sound.

If the channel you are watching has a Programme guide, the name, the start time and the duration will also be displayed for the current and next programmes.

The number and name of the channel are displayed whenever you turn on the TV set or change channels.

If you select the **Show program. number** option in the **Preferences** menu, the channel number will be displayed permanently (see. page 12).



Accessing programmes:

- **Using the numeric buttons:** for programmes 1 to 9, press the corresponding button. For two-digit programmes, first press the **0/-/..** button, then the programme number (e.g. type **012** for channel 12).
- **Using the **PR +/PR -** buttons:** scan through the programmes. You cannot access AV programmes but these are accessible using the **PR+/PR-** buttons on the TV set.
- **Using the list of programmes:** see page 11.



Zoom: on 16/9 models you are able to enlarge pictures broadcast in 4/3 or letterbox format (black strips at the top and bottom of the screen) to fit the picture to your screen.

First press **EXIT** if a menu is on the screen and select the magnification required with the **⏮** **⏭** buttons:

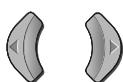
ZOOM 0: 4/3 picture (black strips at the sides).

ZOOM 1: for pictures in letterbox centred on the screen (without sub-titles).

ZOOM I: for pictures in letterbox offset to see sub-titles.

CINERAMA 4/3: picture filling the screen.

If **Auto zoom** function is enable in **Preferences** menu, your choice will be valid till you change channel.



Accessing AV programmes

Press the **AV** button to display the last selected AV programme, press again to access the other AV programmes.

You can also access AV programmes using the list of programmes (see page 11).

More info

Child lock

You can disable the TV buttons so that your children cannot switch the television on without your permission. The TV set can then only be switched on using the remote control. This function is activated:

- after the sleep timer has been set.
- if a wake-up time has been set (**TIME** menu).
- if you put the TV into Standby mode by pressing the standby button **⏻** on the remote control for 4 seconds.

When the television set is in standby and locked, the indicator on the front panel flashes red.

Keep the remote control out of the reach of children.

Sound and Picture preferences

Display the menu with the red button, select the desired line and adjust to your liking

Setting the time – List of programmes

The information on this page explains how to use the **TIME** menu functions (Setting the time, Sleep timer, Wake-up), as well as those for the **LIST OF PROGRAMMES** menu.

OVERVIEW

Exit
Program Info
Sound
Picture
> **Time**
Preferences
Installation

TIME

Return
Sleep timer < | > 00:00
Current time 11:28
Wake-up timer
Wake-up time 07:07
Programme number 08 EURO
Daily

Time

Display the **OVERVIEW** menu using the **MENU** button and select the **Time** option. Press **OK** to confirm. The **TIME** menu is displayed.

Return: returns to the **OVERVIEW** menu.

• **Sleep timer:** set an automatic shut-off time (0 to 4 hours, with 5 minute steps) using the   buttons.

Set --:-- to cancel this function.

When the sleep timer is on, a message appears one minute before the TV set goes into standby mode.

Press any button on the keyboard or on the remote control to cancel standby mode.

Current time: enables the time to be adjusted if it is not correct.

Enter four digits using the remote control numeric buttons.

Once you have set the time, you can use the Wake-up timer feature.

Time entered manually will be lost in the case of a power cut. You must then re-enter it.

Wake-up timer: press **OK** to check the box in order to enable this function and display the menu options.

Wake-up time: enter the wake-up time using the numeric buttons.

Programme number: use the buttons   or numeric buttons (2digits) to enter the number of the programme you want to wake you up.

Daily: press **OK** to check the box if you want a daily wake-up.

Press **EXIT** to close the menu.

A message informs you that the wake up timer has been programmed.

Put the TV set into standby mode using the  button on the remote control. The indicator on the front panel starts flashing slowly. The TV set will automatically switch on at the programmed time and for 1 hour duration if you do not interrupt it by using the remote control.

Excepted volume buttons, keyboard is locked until you change channel.

List of programmes

Press the **LIST** (green) button on the remote control to display the **LIST** of programmes. It has a maximum of 11 pages and shows the name and the number of each programme. The last page lists units connected to the AV sockets.

It opens on the page where the programme you are currently watching is listed.

To watch one of the programmes on the displayed page, use the **PR + / PR -** or  or  buttons and press **OK**.

You can also enter the last digit of the programme number (for example, 5 for 25).

You can scroll through the pages using the   buttons.

Leave the list with **EXIT**.

LIST

Exit
01 TFI
> 02 **FR2** 
03 FR3
04 C+
05 FR5
06 M6
07
08
09
Page - / + < / >
Programme 0 - 9

Picture and Preferences

The information on this page allows you: to adjust your television's picture to better suit your preference, the type of programme you are watching and the ambient lighting and to set preferences for some features of your TV.

PICTURE		
Return		
Picture preset	< >	Film
Brightness		-----
Colour		-----
Contrast		-----
Sharpness		-----
Tone		Neutral
Noise reduction		<input checked="" type="checkbox"/>

Display the **OVERVIEW** with the **MENU** button.

Select **Picture** line and press **OK** to display **PICTURE** menu.

Return: returns to the **OVERVIEW** menu.

Picture preset: use the   buttons to select the appropriate setting (**Standard, Personal, Film, Studio, Sport**) for the programme you are watching. **Personal** stores all your preferred settings.

Brightness, Colour, Contrast and Sharpness: adjust the picture to your liking. These settings are automatically stored under **Personal** under the **Picture preset** option.

Tone controls colour temperature (**Warm, Neutral** or **Cold**).

Noise reduction: improves the quality of the picture in case of poor reception. Tick the box with   buttons.

Preferences

Display the **OVERVIEW** with the **MENU** button.

Select **Preferences** line. Confirm with **OK**.

The **PREFERENCES** menu appears with the following options.

Return: returns to the **OVERVIEW** menu.

Show program. number: tick the box to permanently display the number of the channel you are watching.

AV1 video input: using the   buttons, state the type of video signal transmitted by the equipment connected to AV1.

Proceed similarly for the AV2 and AV3 Video input lines.

Auto zoom (Only for 16/9 TV sets): using   buttons, Tick the box to enable automatic zoom.

This function detects black stripes at the top and bottom of the screen and automatically enables the zoom function to fill the screen.

In case of subtitles, it is recommended to set the zoom manually.

Format control: choose the format for the on-screen picture.

- **Auto:** the TV (16/9) adapts to the broadcast picture format if the broadcaster or equipment connected via a Euro-AV (scart) socket provides a control signal.

- **16/9 or 4/3:** choose the format if the picture is not automatically adapted.

The format returns to **Auto** if you change channel or switch off the TV set.

Maximum volume: set the maximum volume level as you require.

Leave the menu with **EXIT**.

Customizing

Display the **OVERVIEW** by pressing **MENU** button,

select **Installation** line and confirm with **OK**.

The **INSTALLATION MAIN MENU** is displayed.

Select the **Personal settings** line. Confirm with **OK** to display the menu.

Return: returns to **INSTALLATION MAIN MENU**.

Menu language: select your preferred language for menus.

Country: the choice of country is important for the correct display of Teletext screens in the corresponding language.

Picture Rotation: this option is only available on 16/9 and 4/3 large screen televisions. It is used to compensate the effects of the earth's magnetic field and to produce a perfectly aligned horizontal picture.

Auto volume level: tick the box if you want to keep the same sound level on all channels.

AV1, AV2, AV3 name: give a name to the socket according to the equipment that you are connecting to it.

Choose the character to be altered with the   buttons. Using the **1** or **2** keys, display the character you want.

Prog. to be used for reference time: scroll the channels with the   buttons until the time and date are displayed below the channel number. Setting the time is only possible with channels broadcasting.

Leave the menu with **EXIT**.

Virtual Dolby Surround

Dolby Virtual is a technology certified by Dolby Laboratories, that creates a virtualized surround sound experience from two speakers. The Virtual Dolby Surround function works in multi-channel and Dolby Surround encoded audio sources. Virtual Dolby Surround retains all of the original multichannel audio information and provides the listener with the sensation of being surrounded by additional speakers.

OVERVIEW

Exit
Program Info
> **Sound**
Picture
Time
Preferences
Installation

SOUND

Return
Sound type <|> Stereo
Sound mode Dolby Virtual
Surround effect
Balance L/R
Dynamic bass Off
Sound preset Film
10 kHz Treble
5 kHz
1,5 kHz Medium
500 Hz
100 Hz Bass

Sound type

BROADCAST	CHOICE
Mono	Automatic - Mono
Stereo	Mono - Stereo
Dual	Sound 1 - Sound 2
NICAM - 3	Sound 1 - Sound 2 - Sound 3
AV	Stereo - Sound 1 - Sound 2

Display the **OVERVIEW** by pressing **MENU** button.

Select the **Sound** line. Confirm with **OK**.

The **SOUND** menu appears with the following options.

Return: returns to the **OVERVIEW** menu.

Sound type: select the relevant sound type.

The available options depend on the programme you are watching. Refer to the table opposite to find out about the various options available according to the type of sound transmitted by the channel.

Sound Mode: select a mode. The available modes depend on the sound type selected.

See «More info» below.

Magic and Dolby Virtual modes are only available for stereo audio sources.

Surround effect: adjust the surround effect using the bargraph.

*This line only appears if you have selected **Dolby Virtual** under the **Sound mode** line.*

Balance L/R: balance the sound between the Left and Right speakers.

Dynamic Bass : using   buttons, select the Bass dynamic amplification level.

Sound preset: use the   buttons to select the appropriate setting (Standard, Film, Voice, Music, Flat, Personal) for the programme you are watching.

*The **Personal** setting stores your graphic equalizer settings.*

Graphic equalizer: select each band in turn using the  or  button and make the necessary adjustments.

Once you have set the equalizer, the **Sound Preset** option goes automatically to **Personal**. Your settings are stored as the new personal settings.

Leave the menu with **EXIT**.

“Dolby”, and the double D  symbol are trademarks of Dolby Laboratories.

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More info

Nicam

The NICAM process consists of sending digital stereo sound comparable to that from an audio CD via a land based transmitter in addition to its usual mono equivalent. So by means of the NICAM process, you can get digital sound with the quality of a compact disc.

Mode

SOUND TYPE	MODES
Mono	Normal - Wide
Stereo	Normal - Magic Dolby Virtual
Sound 1	Normal - Wide
Sound 2	Normal - Wide

Explanations

Normal	original sound
Wide	stereo effect for mono sound
Magic	accentuated stereo effect + surround effect
Dolby Virtual	Virtual Dolby Surround.

Used in many countries under various names (**TOP Text, Fastext, FLOF text, Videotext**), Teletext is a free service offered by television channels. The service consists of information database (weather, sports results, news, games, etc.) available at all times.



Press the **TEXT** button to display the Teletext Index page (page 100) or the last called page. A message will tell you if there is no Teletext on the channel that you are watching.

Display a page: key in the 3 figures of its page number.

After a moment the page appears.

Use or **PR + / PR -** buttons to display following or previous pages.

Display the Index page: using or buttons select **100** in the bottom left window of the page and confirm with **OK**.

EN

Rolling pages: some types of information may take several pages.

They appear on the screen as become available.

Using or buttons select **STOP** in the bottom left window of the page and confirm with **OK** to stop paging.

To resume paging, press **OK**.

Hidden message: to reveal a hidden answer (games), using or buttons select **???** in the bottom left window of the page and press **OK**. Press **ok**, to hide it again.

Zoom : using or buttons select **ZOOM** in the bottom left window of the page and press **OK**, once to enlarge the top of the screen, twice to enlarge the bottom of the screen, or three times to restore the original size.

Mixed screen: to overlay a teletext page onto the channel picture, using or buttons select **MIX** in the bottom left window of the page and confirm with **OK**.

One further press on **OK** returns to normal display.

Sub-page: to access a sub-page directly, using or buttons select **- - - -** in the bottom left window of the page.

Key in the sub-page's 4-digit number (e.g. : 0003).

With some channels, it may take several minutes to display the sub-page on the screen.

Some channels transmit warning pages which may be displayed in a desired time.

Example: dial 1530 as a sub-page number for 15:30, then press **EXIT**.

The unit should be on, tuned at the station transmitting the warning page.

The display of the last line differs according to the type of teletext received. Your TV automatically detects the type of teletext received.

Direct access: the **yellow** and **blue** buttons allow direct access to the pages whose numbers are displayed in yellow and blue at the bottom of the screen.

Fastext: Fastext contains 4 colour subject headings which appear at the bottom of the screen.

Select the desired page by the colour buttons on remote control.

After you have made your choice, additional subject headings may appear.

TOPtext: TOP text contains pages arranged in subject headings with articles.

Press **blue** button to select the heading displayed at the bottom of the page.

The following heading is then displayed in blue at the bottom of the page.

Press **yellow** button to select the article displayed at the bottom of the page.

The following article is then displayed in blue at the bottom of the page.

Additional functions

Some channels transmit via teletext subtitles of their programmes, as well as the latest newsletters.

The numbers of appropriate pages are to be found in the Teletext table of contents.

Once found, the subtitles or a newsletter are overlaid onto the picture. The reference line will vanish in seconds.

To recall it up, press **TEXT** button.

To leave Teletext, press **EXIT**.

Page mode

This mode allows a quick access to the pages whose numbers are displayed on the screen.

If the current page contains references to other page numbers, press **TEXT** to switch to the Page mode.

Select the desired page number by pressing or button. Confirm your choice by **OK**.

You can call up the next or previous page by pressing the buttons.

Press **TEXT** button to leave the page mode.

To leave Teletext, press **EXIT**.

Program info

The programme guide is prepared by your television from Teletext information broadcast on certain channels. You are only able to access the programme guide with the channels memorised by your television. Depending on the services offered by the channels in Teletext, it is possible that the programme guide may not be available. The programme guide enables you to find out about programmes or make a list of programmes that you want to watch. You are also able to automatically start your television at the beginning of the chosen programme.

01 BBCW	PROGRAM INFO	20:02 Mon 15
Emissions on Mon. 15		
20:00 The World Today		
>	20:55 Correspondent : Irak	
23:05 The Travel show		
23:30 Europe Direct		
00:05 Radical Highs		
02:25 BBC News and Weather		
Memo		

The programme guide is not available on all channels.

In this case, a message will inform you that the guide is not available.

Press the **blue** key to display the programme guide, the first page appears.

The first programme on this page is the one in progress.

To display the previous or next page, use the   buttons.

Options (Memo, Wake-up, etc.) are suggested for you on the last line of the menu.

Select them with the   buttons .

Memorise: to be alerted while you are watching one programme that another programme is starting, select the **Memo** option with   buttons . Choose the programme to be memorised with the  or  button.

Confirm with the **OK** key. The **REVIEW** screen appears. Check your settings.

Alarm call: to program the television to come on at the start of a chosen programme, select **Wake-up**.

Choose the programme with the  or  button.

Confirm with the **OK** key. The **REVIEW** screen appears. Check your programming.

Put the television into stand-by with the  key on the remote control unit.

The **TIMER FULL** message means that the programme guide's 4 timers are full. Refer to the **REVIEW** paragraph (Clear) to free up memory.

Set-up: if the broadcaster changes its teletext pages, your TV set is no longer able to display the Program Guide and the message "No Program Info data found on this station." tells you so.

Delete the message with the **EXIT** key, then call up the teletext and note down the number of the daily programme page.

Leave the teletext with **EXIT**, call up the Program Guide again and immediately the message

"No Program Info data found on this station." will come up on the screen, press **OK** to access menu **PROGRAM INFO SET-UP**.

Select line **TV guide page number** and with the number keys of your remote control, enter the number of the programme page which you have previously searched for in the teletext.

Confirm with **OK** and leave the menu with **EXIT**. Your TV set should now display the Program Info.

REVIEW		06:02 Mon 15
Return		
TV 		BBC World News
TV	08:00>08:15	05 BBCW Mon 15
	MUNDIAL : FIRST ROUND	
	09:15>10:30	02 BBC I Tue 16
	USA Direct	
TV 	10:15>10:30	01 BBC I Tue 16
	Hard talk	
	11:35>11:40	04 BBCW Tue 16
TIMER FULL		

REVIEW :

This menu lists programmes chosen for an alarm call or for a start-of-programme warning.

The menu is automatically displayed once you have confirmed the choice of a programme in the **PROGRAM INFO** menu.

You can also display it by selecting Review on the options line in the **PROGRAM INFO** menu and confirming with **OK**.

The **REVIEW** menu lets you access the following functions:

Clear: allows you to delete one of the programmes from the list.

To do this, select the last line of the menu with the  or  button and display **Clear** with the   buttons.

Then use the  or  button to put the cursor on the programme to be deleted and confirm with **OK**.

Memo lets you enable (or disable) the display of a message at the start of a programme on the list.

To do this, select the last line on the menu with the  or  button and display **Memo** with the   button.

Then use the  or  button to put the cursor on the programme that you want to be alerted about and confirm with **OK**.

A TV is displayed in front of the programme.

You can then watch another channel but will be alerted by a message when the selected programme begins.

Press the **EXIT** key to clear the message from the screen.

Alarm call : lets you enable (or disable) the automatic switch on of the TV at the start of a programme on the list.

To do this, select the last line of the menu with the  or  button and display **Wake-up** with the   buttons.

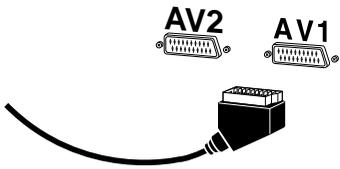
Then use the  or  button to put the cursor on the programme to switch on with and confirm with **OK**.

Put the television into stand-by with the  key on the remote control unit. It will switch on at the beginning of the selected programme.

Other connections

Your TV has a number of sockets which can be used to connect different types of equipment. This page contains a description of the various sockets and relevant connections.

EN



AV1 SCART socket (input-output)

At the back of the TV. This socket can be used to connect a VCR or a camcorder (VHS or 8 mm), a satellite receiver, a DVD player, a games console or any device producing an RGB signal.

AV2 SCART socket (input-output)

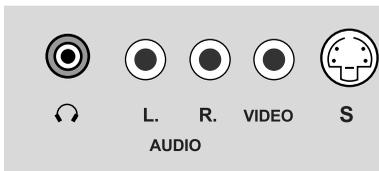
At the back of the TV. This socket can be used to connect a VCR or a camcorder (VHS, S-VHS, 8 mm or Hi 8), a decoder, a satellite receiver, a DVD player, a games console. Device producing an RGB signal must be connected to AV1. This SCART socket can be used for S-Video signals but only in input.

Audio / Video RCA sockets - AV3 (input)

At the front or side of the television set. These can be mainly used to connect camcorders (VHS or 8 mm format).

S socket and Audio RCA sockets - AV3 (input)

At the front or side of the television set. These can be mainly used to connect camcorders (S-VHS or Hi 8 format).



To display images using the equipment connected, press the AV button on the remote control: once to select AV1, twice to select AV2 and three times to select AV3. For some equipment (connected to the sockets), this selection is done automatically.

Headphone socket

Use the relevant socket to connect stereo headphones or earphones.

Connecting a video recorder

To obtain optimum picture quality, use a SCART cable. However, you can also connect a video recorder to the television using the aerial socket.

The diagram on the inside cover at the end of the manual illustrates how this is done.

If you connect a video recorder only via the aerial socket (without any AV socket connection), switch it on and play a cassette.

Then use the Auto-update option of the Install menu to search for the video recorder signal (refer to the Manual channel set-up section on page 9).

A video recorder connected by aerial socket should be stored on a Programme ending with a 9 (9, 19, 29.....) which has special processing to improve the picture quality during videotape playback and pause modes. However, we recommend to connect your video recorder by SCART socket for even better picture and stereo sound quality.

Copying tapes:

Connect the record unit to the AV2 Euro-AV (scart) connector.

Connect the playback unit to the AV1 Euro-AV (scart) connector if it is a video recorder or to the AV3 RCA sockets if it is a camcorder.

P L A Y	Equipment	Video recorder 	Camcorder 
	Socket	Scart AV1	RCA sockets
R E C O R D	Equipment	Video recorder or Camcorder	Video recorder or Camcorder
	Socket	Scart AV2	Scart AV2
	Call up	AV1	AV3

More info

Home Cinema

You can connect a Home cinema amplifier to your TV set.

- either to the headphone socket using a jack - RCA cable

- either to the AV2 SCART socket using a SCART - RCA cable.